



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Plans and Specifications and Authorize Advertisement for Bids for Asphalt Rubber Cape Seal, Various Streets, 2011 Project

MEETING DATE: June 1, 2011

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Approve plans and specifications and authorize advertisement for bids for asphalt rubber cape seal, various streets, 2011 project.

BACKGROUND INFORMATION: This project includes the application of an asphalt rubber cape seal on various City streets. The streets were identified through the City's Pavement Management System based on the condition of the street pavement and the traffic load. Also included in this project is a slurry seal at the Municipal Service Center (MSC) near the Electric Utility offices. The attached exhibits show the streets that will receive the cape seal and the MSC parking area for the slurry seal.

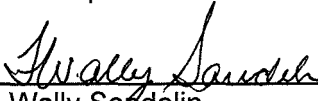
The project consists of the rehabilitation and resurfacing of various City streets with a layer of asphalt rubberized chip seal followed by a layer of slurry seal on top. The combination of the asphalt rubberized chip seal and the slurry is commonly known as a cape seal. An asphalt rubberized cape seal provides a cost-effective alternative to a more costly asphalt overlay to extend the life and rehabilitate deteriorated roads and streets within the City. This method of pavement rehabilitation has been used in the past two projects in Lodi, and staff would like to continue using it as another method of maximizing limited street maintenance resources.

While a slurry seal only seals the road and provides a new wearing surface, the asphalt rubberized cape seal provides added strength, stability and crack reduction benefits similar to the performance benefits of an overlay but at a much lower cost.

The plans and specifications for this project are on file in the Public Works Department. Approximately 111,000 square yards of cape seal of City streets and approximately 2,936 square yards of slurry seal at MSC are included in this project. The planned bid opening date is June 22, 2011.

FISCAL IMPACT: By investing in the recommended overlay project, significant capital dollars will be saved by extending the useful life of the pavement and foregoing more costly rehabilitation.

FUNDING AVAILABLE: The estimated project cost of \$1,100,000 will be coming from Proposition 1B and Proposition 42 funds.


F. Wally Sandelin
Public Works Director

Prepared by Mark Chamberlain, Senior Engineering Technician - Survey
FWS/MC/pmf
Attachments
cc: Deputy Public Works Director – Utilities

APPROVED: 
Konradt Bartlam, City Manager



CITY OF LODI

PUBLIC WORKS DEPARTMENT

CAPE SEAL AREA 1 KETTLEMAN - HARNEY HUTCHINS - UPRR



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CITY OF LODI

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CAPE SEAL AREA 2 TURNER - LODI EVERGREEN - MILLS

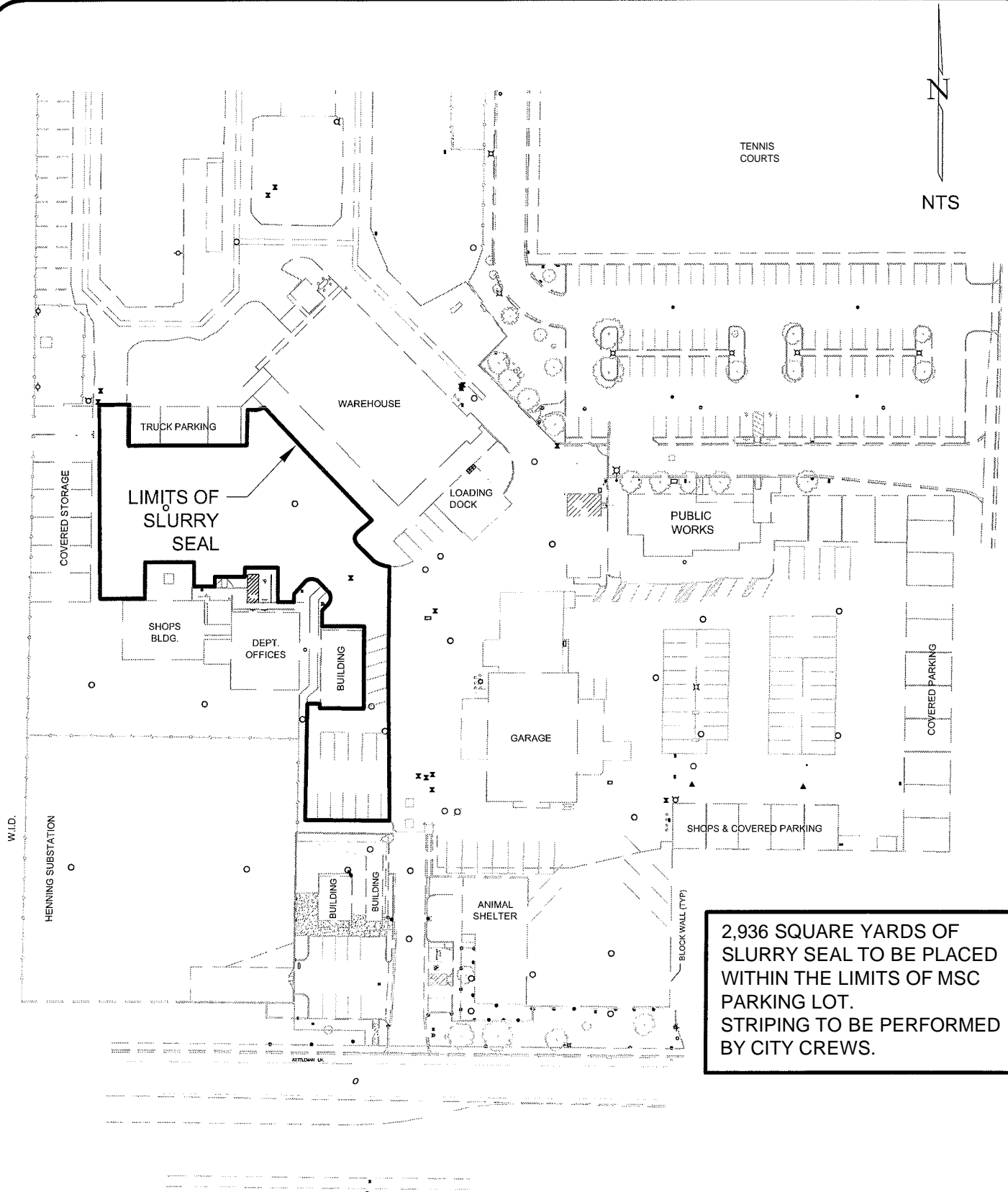




CITY OF LODI

PUBLIC WORKS DEPARTMENT

MUNICIPAL SERVICE CENTER 1331 S. HAM LN. PARKING LOT SLURRY SEAL



2,936 SQUARE YARDS OF
SLURRY SEAL TO BE PLACED
WITHIN THE LIMITS OF MSC
PARKING LOT.
STRIPING TO BE PERFORMED
BY CITY CREWS.